

Message

---

**From:** Holst, Linda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=97E4A65ADDD9494FA193C98DD5D12B55-LHOLST]  
**Sent:** 5/4/2018 8:59:32 PM  
**To:** Kuefler, Patrick [kuefler.patrick@epa.gov]  
**Subject:** RE: Juneau county sampling parameters FYI

Thanks.

---

**From:** Kuefler, Patrick  
**Sent:** Friday, May 04, 2018 3:58 PM  
**To:** Holst, Linda <holst.linda@epa.gov>  
**Cc:** Mikalian, Charles <mikalian.charles@epa.gov>; Burdett, Cheryl <burdett.cheryl@epa.gov>  
**Subject:** Juneau county sampling parameters FYI

This is what was in the QAPP

1. Collect grab samples of water from designated groundwater locations in Juneau County, Wisconsin listed in Attachment A.
  - a. Anions – Bromide, Chloride, Fluoride, Sulfate
  - b. Total Metals – (Exclude – Mercury and Hexavalent Chromium)
  - c. Nutrients – Total Phosphorus, Ammonia-Nitrogen, TKN, Nitrate-Nitrite, TOCs
  - d. N15 Isotope
  - e. E. coli – If the detection of manure is noted in the groundwater (color, smell, nearby land application) and for private wells
  - f. Total Dissolved Solids, Nitrates
2. Collect samples from faucet or spigots of private drinking water wells listed in Attachment C:
  - a. Nitrate-Nitrite
  - b. N15 Isotope
  - c. E. coli
  - d. Chloride
  - e. Ammonia-Nitrogen

Patrick F. Kuefler  
Chief  
Water Enforcement &  
Compliance Assurance Branch

312 353-6268 Office  
312 805 7952 Mobile